

# TOOLS



CHANDLER & FARQUHAR CO.

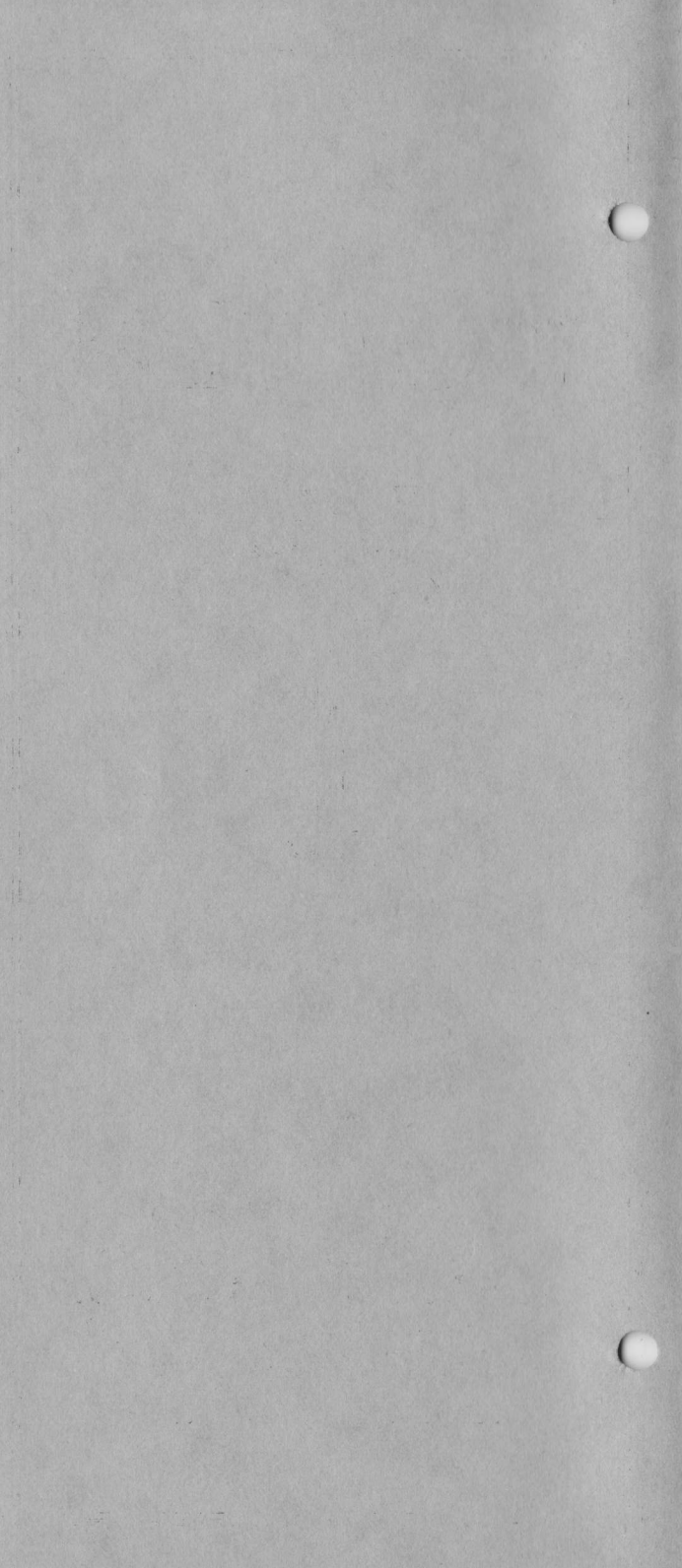
250-260 Devonshire Street

(In Winthrop Square)

BOSTON, MASS.

**American Swiss File &  
Tool Co.**

ELIZABETH, N. J., U.S.A.



HIGH GRADE

# TOOLS

FOR MECHANICS

THAT LAST  
AND  
SATISFY

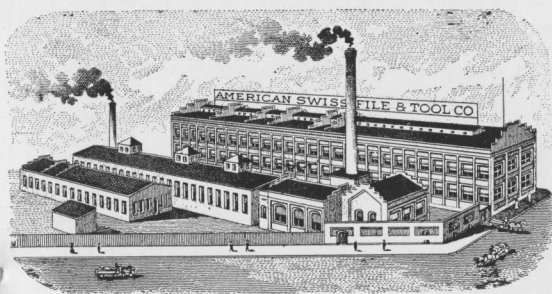


*Made by*

## American Swiss File & Tool Co.

IN

Elizabeth, N. J., U. S. A.



WORKS : ELIZABETHPORT, N.J.

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## **GUARANTEE OF QUALITY**

Our Guarantee of Quality is upheld because we do not make Tools for a price, but make the best tools we can make by the best equipment and workmanship obtainable, and fix our selling price according to our own cost of production. Tools not up to standard in any respect are subject to return at our expense, if the fault found is pointed out to us, as a means of keeping our inspecting department wide awake.

## **PROMPT DELIVERY**

Prompt Delivery is made because we carry a large and complete stock of all articles specified in this Catalogue, and our manufacturing system is such that the articles sold are promptly replaced by our factory.

## **PRICES AND TERMS**

Prices are F. O. B. Elizabeth, N. J., and are subject to change without notice.

All accounts are payable in full for face value of invoices thirty days from date thereof, or 2% discount if paid in ten days from date of invoice.

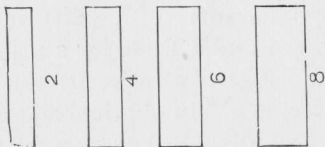
## **IMPORTANT**

In ordering please use catalogue terms and numbers, specifying clearly the quantity, size, etc., of each article. This will avoid unnecessary correspondence and delay and will assure prompt shipments.

# KNURLS

## NUMBERS

Indicate shape and width of face

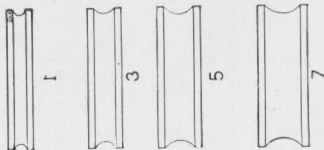


## LETTERS

Indicate pattern and design.

8-A is a wide flat face knurl with fine straight lines

7-C is a wide concave face knurl with coarse straight lines





A  
40 lines per inch.



B  
27 lines per inch.



C  
18 lines per inch.



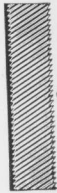
D  
34 lines per inch.



E  
22 lines per inch.



F  
12 lines per inch.



G  
34 lines per inch.



H  
22 lines per inch.



I  
12 lines per inch.



J  
28 imp. per inch.



K  
20 imp. per inch.



L  
10 imp. per inch.



M  
28 imp. per inch.



N  
20 imp. per inch.



O  
10 imp. per inch.

The above are regular stock knurls  $\frac{3}{4}$  inch diameter with .173 inch hole.  
Thimble or Bead Knurls are furnished in flat face only.

In addition to the above we have a great variety of master knurls from which we can make knurls of practically any description.

\$9.60 per dozen  
10.80 " "

Regular Stock Knurls With Flat Face.....

" " " Concave Face.....

Twenty-four Hour Service in most cases of Special Knurls. A rough pencil sketch indicating shape and all necessary dimensions and impression is all we require.

## ADJUSTABLE KNURL HOLDERS



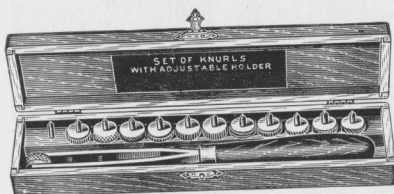
No. 20

Holds Knurls of any width up to  $\frac{3}{8}$ -inch inclusive.

Price.....\$12.00 per dozen

HALF DOZEN IN A BOX

## KNURL SETS



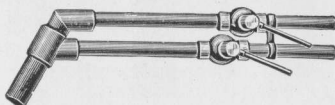
Hardwood Case

Set No. 6—Six Asst. Knurls and Holder.....\$ 7.80 per set

Set No. 12—Twelve Asst. Knurls and Holder 12.60 “ “

Set No. 24—Twenty-four Asst. Knurls and  
Holder..... 22.00 “ “

## BRASS BLOW PIPES

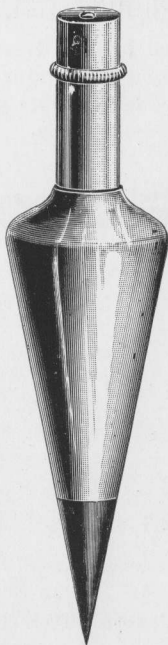


Made of seamless brass tube, with accurately ground seated valve made from solid bar brass. Each and every pipe tested and warranted gas and air tight. Made in three sizes as follows:

	Inches Long	Inch Bore	Each
No. 8-C.....	13 $\frac{1}{2}$	$\frac{1}{8}$	\$4.00
No. 8-E.....	14	$\frac{1}{4}$	5.80
No. 8-F.....	14 $\frac{1}{2}$	$\frac{5}{16}$	7.40

ONE IN A BOX

## BRASS PLUMB BOBS



We offer these Plumb Bobs to the most discriminating trade as a product which cannot be excelled in quality, workmanship, design or finish. They are perfect in composition, free from unbalancing imperfections such as air pockets or sand holes, common and unavoidable in castings, as they are lathe turned from solid brass bars, thereby insuring not only a perfect unblemished surface but also perfect balance. The caps are removable and the steel points are screwed in and may readily be removed and replaced when worn. The design has the approval of some of the largest distributors in the country as well as of many engineers. They are highly polished and buffed and lacquered to prevent tarnish.

### Stock Sizes

4 oz.....	\$1.25 each	12 oz.....	\$2.10 each
6 oz.....	1.40 "	14 oz.....	2.25 "
8 oz.....	1.55 "	16 oz.....	2.80 "
10 oz.....	1.80 "	18 oz.....	3.20 "
		24 oz.....	4.80 "

ONE IN A BOX

## COLD CHISELS

All chisels in this group are made of high grade electric furnace, high carbon tool steel. Maximum service and satisfaction is assured by heat treatment with modern, automatic heat controlled apparatus and heat measuring instruments. All chisels 12 inches and less are finished with black lacquer, faces polished.



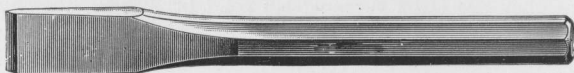
No. 1

Diameter	Length	Price, Dozen
$\frac{1}{4}$ "	4"	\$2.10
$\frac{5}{16}$ "	$4\frac{1}{2}$ "	2.25
$\frac{3}{8}$ "	5"	2.50
$\frac{1}{2}$ "	$5\frac{3}{4}$ "	3.00
$\frac{5}{8}$ "	$6\frac{1}{2}$ "	4.75
$\frac{3}{4}$ "	$7\frac{1}{2}$ "	6.70
$\frac{7}{8}$ "	8"	9.80
1"	8"	11.20

$\frac{1}{4}$ " TO  $\frac{1}{2}$ "—ONE DOZEN IN A BOX

$\frac{5}{8}$ " TO 1"—HALF DOZEN IN A BOX

## LONG COLD CHISELS



No. 1-L

Length	12-in.	15-in.	18-in.	24-in.
Diam., Inches	Dozen Price	Dozen Price	Dozen Price	Dozen Price
$\frac{1}{2}$	\$4.90	\$5.70	\$6.50	
$\frac{5}{8}$	6.25	7.15	8.00	\$10.00
$\frac{3}{4}$	9.50	10.75	12.00	15.00
$\frac{7}{8}$	12.00	13.50	15.00	18.00
1	14.00	16.00	18.00	25.00
$1\frac{1}{4}$	25.00	28.00	30.75	38.00



## ROUND NOSE CHISELS



No. 15

## DIAMOND NOSE CHISELS



No. 11

## CAPE CHISELS



No. 6

Diameter	Length	Price Doz.
$\frac{1}{4}$ "	4"	\$2.50
$\frac{5}{16}$ "	$4\frac{1}{2}$ "	2.70
$\frac{3}{8}$ "	5"	3.00
$\frac{1}{2}$ "	6"	3.70
$\frac{5}{8}$ "	$6\frac{1}{2}$ "	5.60
$\frac{3}{4}$ "	7"	8.00
$\frac{7}{8}$ "	$7\frac{1}{2}$ "	11.75
1"	8"	13.45

$\frac{1}{4}$ " TO  $\frac{1}{2}$ "—ONE DOZEN IN A BOX

$\frac{5}{8}$ " TO 1"—HALF DOZEN IN A BOX

## OIL GROOVE CHISELS



No. 5

Diameter.....	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{1}{2}$ -inch
Len th.....	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6 "
Price.....	\$2.80	3.15	3.50	4.20 dozen

ONE DOZEN IN A BOX

## TILE SETTERS' CHISEL



No. 16

$\frac{1}{4}$ " Diam. Stock—7-in. Long—\$2.50 per dozen

ONE DOZEN IN A BOX

## PLUMBERS' CHISELS



No. 50

Length, 11 inches

Face.....	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ -inch
Price.....	\$6.00	6.30	8.00	10.00	11.20 per dozen

HALF DOZEN IN A BOX

## FLOOR CHISELS



No. 60

For Cutting—Not for Prying

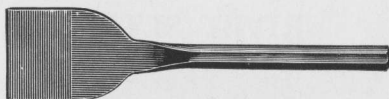
$\frac{3}{4}$ -inch Octagon steel—14 in. long x  $2\frac{1}{2}$  in. face

Price, \$14.00 per dozen

$\frac{3}{4}$ -inch Octagon steel—18 in. long x  $2\frac{1}{2}$  in. face

Price, \$16.00 per dozen

HALF DOZEN IN A BOX



No. 65

Length	Stock	Face	Price, Doz.
7"	$\frac{1}{2}$ "	2"	\$9.00
8"	$\frac{5}{8}$ "	$2\frac{1}{2}$ "	12.00
10"	$\frac{3}{4}$ "	3"	14.00
12"	$\frac{3}{4}$ "	$3\frac{1}{2}$ "	15.50

HALF DOZEN IN A BOX



No. 75

7-inch Long—2-inch Face—\$8.40 per dozen.

HALF DOZEN IN A BOX

## PLUGGING CHISELS



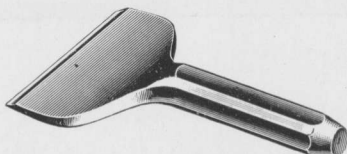
No. 36

Length, 10 inches

Diameter.....	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$ -inch
Cutting Edge.....	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$ "
Price.....	\$6.00	7.00	8.40 per dozen

HALF DOZEN IN A BOX

## BRICK CHISELS



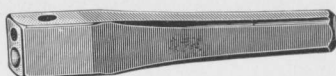
No. 40

Width of Cutting Edge	2	3	$3\frac{1}{2}$	4-inch
Price.....	\$8.00	9.60	9.85	12.00 per dozen

HALF DOZEN IN A BOX

ALSO HALF DOZEN ASSORTED IN A BOX—\$10.00 DOZEN

## RIVET SETS



No. 50

Fine quality carbon tool steel, forged.  
Natural black shank. Face and sides polished.

Size	For Iron Rivets, Pounds Per 1000	For Copper Rivets	Price Per Dozen
00	14	-----	\$9.25
0	10 and 12	No. 5	9.25
1	8	6	7.70
2	6	7	7.70
3	4 and 5	8	5.60
4	$2\frac{1}{2}$ and 3	9	5.60
5	2 and $1\frac{3}{4}$	10-11	5.60
6	$1\frac{1}{4}$	12	4.50
7	1	13	4.50
8	$\frac{5}{8}$ and $\frac{3}{4}$	14	4.50

HALF DOZEN IN A BOX

## STONE DRILL



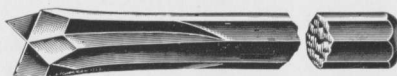
No. 40

12 Inches Long

Face.....	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1-inch
Price.....	\$4.00	5.00	6.00	7.00	8.50 per dozen

HALF DOZEN IN A BOX

## STAR DRILLS



No. 30

### FOUR POINT

These drills are forged from high grade Octagonal tool steel, hardened and tempered for drilling concrete and stone. Cutting edges are file finished insuring sharp, quick cutting qualities, and each drill has ample clearance to prevent binding in the hole being drilled.

Diam., Inches	8 Inch Dozen	12 Inch Dozen	18 Inch Dozen	24 Inch Dozen
$\frac{1}{4}$	\$4.55	\$4.60	-----	-----
$\frac{5}{16}$	4.55	4.60	-----	-----
$\frac{3}{8}$	4.55	4.60	-----	-----
$\frac{7}{16}$	4.80	4.86	-----	-----
$\frac{1}{2}$	5.10	5.40	\$6.76	-----
$\frac{5}{8}$	5.60	6.48	8.10	\$9.45
$\frac{3}{4}$	7.20	7.56	9.46	10.80
$\frac{7}{8}$	-----	8.64	10.80	12.14
1	-----	9.72	12.16	13.50
$1\frac{1}{8}$	-----	12.96	15.12	17.28
$1\frac{1}{4}$	-----	16.20	18.90	21.60
$1\frac{3}{8}$	-----	21.60	24.60	27.00
$1\frac{1}{2}$	-----	21.60	24.60	27.00

$\frac{1}{4}$ " TO  $\frac{1}{2}$ "—TWELVE IN A BOX

$\frac{5}{8}$ " TO  $\frac{3}{4}$ "—SIX IN A BOX

$\frac{7}{8}$ "—THREE IN A BOX

1" TO  $1\frac{1}{2}$ "—TWO IN A BOX

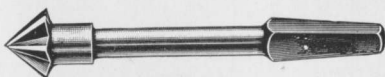
## BULL NOSE CHISELS



No. 100

Diam.....	12	18	24	30-inch
1-inch.....	\$15.00	18.00	25.00	..... per dozen
1 1/4-inch.....	25.00	30.75	38.00	45.60 " "

## ROSE COUNTERSINKS



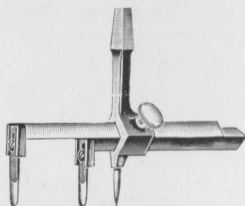
No. 10

A strictly high grade countersink made of drill rod tool steel. The teeth are clean cut, deep, and properly relieved for fast cutting. Designed especially for wood but may be used on all kinds of metal.

Diameter, 1/2-in.—5/8-in.—3/4-in.—\$6.00 per dozen.

ONE DOZEN IN A BOX

## WASHER CUTTER



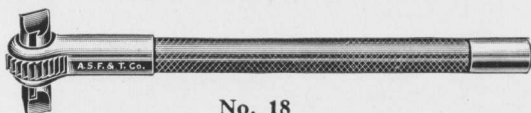
No. 2

For use in cutting gaskets or discs from leather, rubber, sheet lead, etc. Will not cut hard fibre or metals. Capacity from 1-inch to 12-inch washers. Knives are made of high grade tool steel.

Price, \$28.00 per dozen.

ONE IN A BOX

## RATCHET SCREW DRIVER



No. 18

A very useful tool for use in space where common type driver cannot be used. 8 inches long. Immense leverage.

Price, \$21.60 per dozen.

## SCREW DRIVER BITS



No. 12

Forged Tool Steel.  
Black Shanks—Polished Face.

Face	Dozen	Face	Dozen
$\frac{1}{4}$ "	\$2.80	$\frac{1}{2}$ "	\$3.50
$\frac{5}{16}$ "	2.80	$\frac{5}{8}$ "	3.65
$\frac{3}{8}$ "	3.25	$\frac{3}{4}$ "	4.20
$\frac{7}{16}$ "	3.25	Assorted	3.20

$\frac{3}{16}$ " TO  $\frac{1}{2}$ "—ONE DOZEN IN A BOX  
 $\frac{5}{8}$ " TO  $\frac{3}{4}$ "—HALF DOZEN IN A BOX  
 ASSORTED—ONE DOZEN IN A BOX

## TILE SETTERS' HAMMER



No. 10

Hand forged tool steel head, hardened and tempered.  
Hickory handle.

Price, \$9.60 per dozen.  
HALF DOZEN IN A BOX

## OVAL SCRAPER STEELS OR BURNISHERS



No. 2

Glass hard, highly polished tool steel blades. Friction polished applewood handles. Blades 4 inches long x  $\frac{7}{16}$  inch wide x  $\frac{9}{32}$  inch thick.

Price, \$6.70 per dozen.  
HALF DOZEN IN A BOX



## VALVE GRINDER



No. 3

Long round fluted handle for hand oscillation. The reversible and adjustable bit will engage all valves with slotted heads and those with grip holes up to 2 inches C. to C.

Price, \$12.00 per dozen.

HALF DOZEN IN A BOX



No. 5

For use in Brace or Hand Drill. Gripping device same as on No. 3.

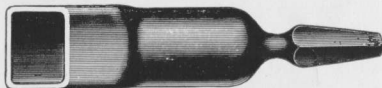
Price, \$6.00 per dozen.

HALF DOZEN IN A BOX

## BRACE WRENCHES



No. 70—Hex. Opening



No. 80—Square Opening

### Order by Nut Size

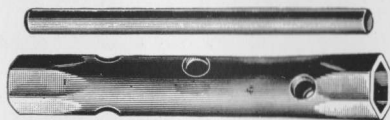
U. S. S. Nut Size	Size Opening	Price Per Dozen
$\frac{1}{4}$ "	$\frac{1}{2}$ "	\$6.00
$\frac{5}{16}$ "	$\frac{19}{32}$ "	6.70
$\frac{3}{8}$ "	$\frac{11}{16}$ "	7.00
$\frac{7}{16}$ "	$\frac{25}{32}$ "	7.50
$\frac{1}{2}$ "	$\frac{7}{8}$ "	7.70
$\frac{9}{16}$ "	$\frac{31}{32}$ "	9.60
$\frac{5}{8}$ "	$\frac{11}{16}$ "	10.00
$\frac{3}{4}$ "	$1\frac{1}{4}$ "	10.80

# SEAMLESS STEEL TUBE SOCKET WRENCHES

HAND FORGED

Size	Openings, In.	U. S. S. Hex. Nuts, In.	Cap Screws, In.	S. A. E. Screws and Nuts, In.	Price, Dozen	Size
1	7/16	1/4	1/4	1/4	\$5.00	1
2	9/16	5/16	3/8	3/8	5.60	2
3	1 1/16	3/8	1/2	1/2	6.45	3
4	1 3/16	7/16	5/8	9/16	7.55	4
5	1	9/16	3/4	3/4	8.95	5
56	1 1/8	1 1/16	7/8	---	12.00	56
57	1 3/16	1 1/8	1	---	13.40	57
58	1 13/32	1 1/2	1 1/8	1	15.35	58
59	7/8	Spark Plug	---	---	8.95	59
60	1 5/8	1 1/8	---	1 1/8	16.80	60

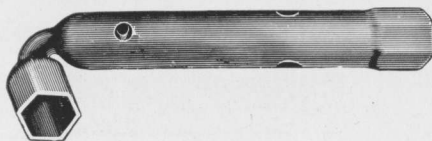
SIZES 1 TO 5, HALF DOZEN IN A BOX—56 TO 60, QUARTER DOZEN IN A BOX



No. 10

# SEAMLESS STEEL TUBE SOCKET WRENCHES

HAND FORGED



Size	Openings, In.	U. S. S. Nuts, In.	S. A. E. Screws and Nuts, In.	Cap Screws, In.	Price, Dozen	Size
6	7/16	---	1/4	1/4	\$6.00	6
7	1/2	1/4	5/16	5/16	7.15	7
8	9/16	5/16	3/8	3/8	7.85	8
9	5/8	---	7/16	7/16	8.40	9
10	11/16	3/8	---	---	8.60	10
11	3/4	---	1/2	1/2	9.45	11
12	13/16	7/16	---	---	9.45	12
13	7/8	1/2	9/16	5/8	11.90	13
14	15/16	---	5/8	---	11.90	14

HALF DOZEN IN A BOX

No. 20

## BEARING SCRAPERS



**No. 30**

Three-square hollow ground file steel blades,  $3\frac{1}{4}$  inches long. Hardwood handles, natural friction polish.

Price, \$6.50 per dozen.

HALF DOZEN IN A BOX



**No. 20**

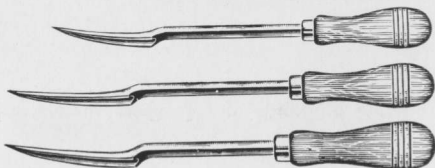
Non-chattering, file steel blades. Hardwood handles.

Four Sizes.....	5"	7"	8"	9"
Cutting Edge.....	2"	$2\frac{3}{4}$ "	$3\frac{1}{2}$ "	$3\frac{3}{4}$ "
Price.....	\$7.90	8.70	9.80	10.90 per dozen

HALF DOZEN IN A BOX

## BEARING SCRAPERS

### IN SETS



**Set of Three—No. 279**

One each of 7", 8" and 9".....\$2.75 per set

**Set of Three—No. 258**

One each of 5", 7" and 8".....\$2.50 per set

**Set of Four—No. 259**

One each of 5", 7", 8" and 9".....\$3.40 per set

ONE SET IN A PAPER BOX

## SADDLERS' PUNCHES



No. 10

Size	Diameter Hole	Price Per Dozen
2	$\frac{1}{8}$ "	\$3.50
4	$\frac{5}{32}$ "	3.50
6	$\frac{3}{16}$ "	3.50
8	$\frac{7}{32}$ "	4.20
10	$\frac{1}{4}$ "	4.20
12	$\frac{9}{32}$ "	4.20
13	$\frac{5}{16}$ "	5.50
14	$\frac{11}{32}$ "	5.50
15	$\frac{3}{8}$ "	6.00
16	$\frac{13}{32}$ "	6.00

HALF DOZEN IN A BOX

## METAL PUNCHES

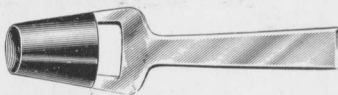


No. 25

For cutting all kinds of soft sheet metals, also sheet steel  $\frac{3}{32}$ -inch thick.

Diameter	Price Per Dozen	Diameter	Price Per Dozen
$\frac{1}{4}$ "	\$5.00	$\frac{9}{16}$ "	\$10.00
$\frac{5}{16}$ "	5.00	$\frac{5}{8}$ "	12.50
$\frac{3}{8}$ "	7.00	$\frac{3}{4}$ "	13.50
$\frac{7}{16}$ "	7.50	$\frac{7}{8}$ "	14.50
$\frac{1}{2}$ "	8.50	1"	16.00

## ARCH PUNCHES



No. 5

These punches are made of an alloy tool steel, high in wearing and shock-resisting qualities, eliminating the danger of crystallization, a heretofore common fault in this type of tool. Known under navy specifications as "Sail Maker's Punches" they are used for cutting canvas, felt, leather, sheet lead, soft brass and copper sheets and other soft materials. A complete line as follows:

Size	Price Per Dozen
$\frac{1}{4}$ " and $\frac{5}{16}$ "	\$10.35
$\frac{3}{8}$ " and $\frac{7}{16}$ "	10.65
$\frac{1}{2}$ "	11.20
$\frac{5}{8}$ " and $\frac{9}{16}$ "	12.30
$\frac{3}{4}$ " and $\frac{11}{16}$ "	13.45
$\frac{7}{8}$ " and $\frac{13}{16}$ "	14.55
1" and $\frac{15}{16}$ "	15.70
$1\frac{1}{16}$ "	20.15
$1\frac{1}{8}$ "	20.15
$1\frac{3}{16}$ "	24.65
$1\frac{1}{4}$ "	24.65
$1\frac{5}{16}$ "	26.90
$1\frac{3}{8}$ "	29.00
$1\frac{7}{16}$ "	32.50
$1\frac{1}{2}$ "	35.85
$1\frac{5}{8}$ "	39.20
$1\frac{3}{4}$ "	43.00
$1\frac{7}{8}$ "	47.00
2"	52.35
$2\frac{1}{8}$ "	57.40
$2\frac{1}{4}$ "	64.40
$2\frac{3}{8}$ "	72.50
$2\frac{1}{2}$ "	81.90
$2\frac{3}{4}$ "	100.00
3"	120.00

UNDER 1" TWO IN A BOX

OVER 1" ONE IN A BOX



## EMERY WHEEL DRESSERS



No. 40

Cast grey iron handle, black enameled. Tool steel cutters or dressers, hardened. Complete with two sets of cutters.

Price, \$15.50 per dozen.

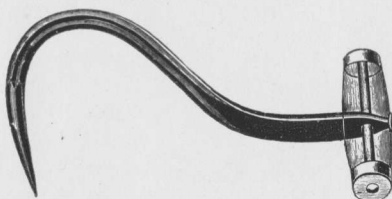
ONE IN A BOX

## EMERY WHEEL DRESSER CUTTERS

PACKED TWENTY-FIVE SETS IN A BOX

15c per set

## BOX HOOKS



No. 5

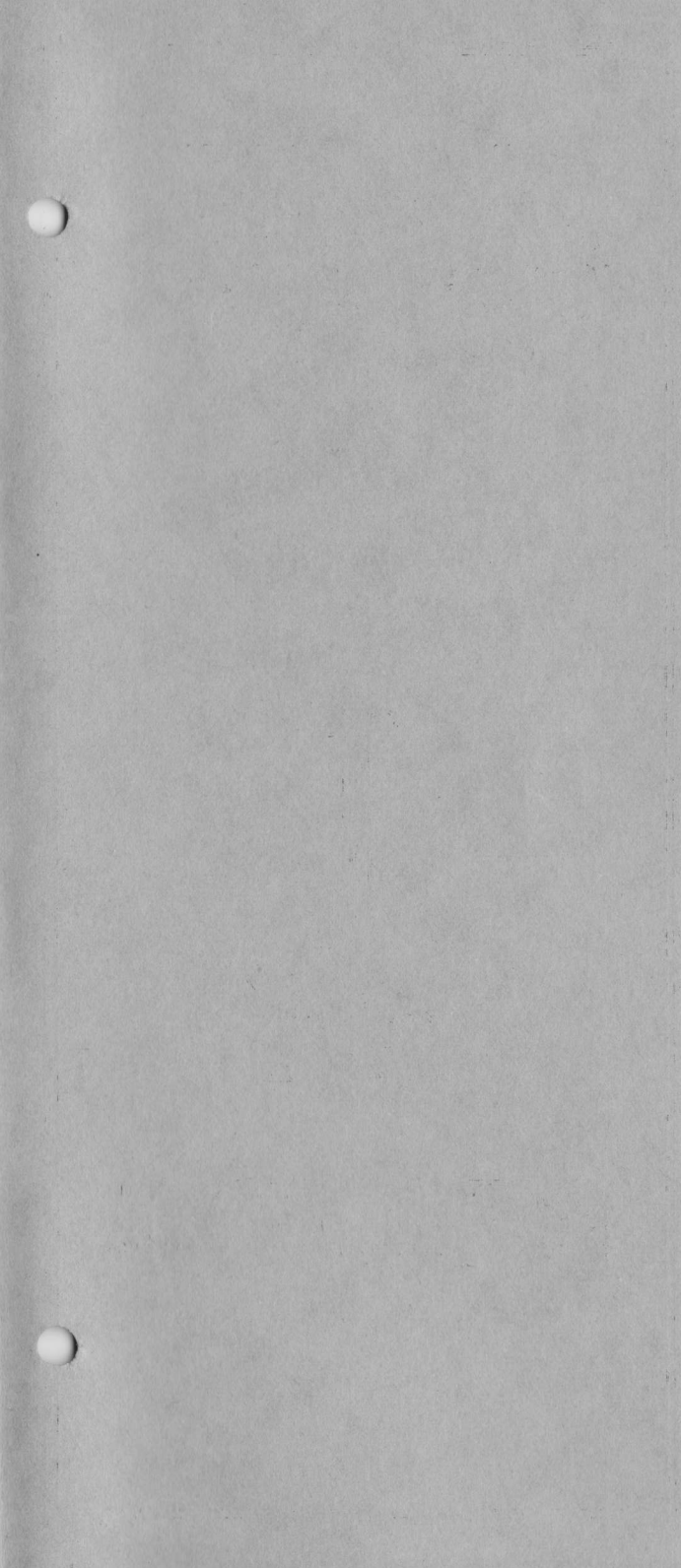
## NEW YORK PATTERN

Made of octagonal tool steel, safely constructed as shown in the phantom view of the illustration. The stress is all upon the hook and the heavy steel pin. Smoothly finished hickory wood handles for hand comfort are securely held by heavy steel washers under headed ends of the steel pin handle. Made in three sizes.

					Per Dozen
1/16"	"	"	8"	Long	\$12.00
9/16"	"	"	10"	"	12.70
5/16"	"	"	12"	"	13.00

HALF DOZEN IN A BOX





American Swiss File & Tool Co.

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